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## KOREAN PATENT ABSTRACTS

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## (54) PLASMA DISPLAY PANEL ASSEMBLY

## (57) Abstract:

PURPOSE: A plasma display panel assembly is provided to improve heat radiation efficiency of the panel by increasing contact area between a frame chassis and outer air.

CONSTITUTION: A plasma display panel assembly comprises a plasma display panel(100), a frame chassis(30) attached on the rear side of the plasma display panel(100) by a thermal conductive adhesive sheet(20). On the frame chassis(30), circuit boards are arranged for operating the plasma display panel (100). The adhesive sheet(20) is made of silicon and has many through-holes(21). The through-holes(21) are small enough not to have air bubble during pressing adhesion. The adhesive sheet(20) further has grooves for connecting the through-holes(21). On the side of the adhesive sheet(20) facing the plasma display panel(100), fine protrusions are formed to facilitate air exhaustion during pressing adhesion.



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